

SIGNAL GENERATION APPARATUS, SYSTEMS, AND METHODS

Abstract of the Disclosure

An apparatus and a system, as well as a method and an article, may include shifting a digital baseband signal upward along a frequency spectrum by an amount greater than its bandwidth to provide an elevated frequency digital baseband signal, which in turn may be selected as a single-sideband signal after an image reject mixer is used to further shift the elevated frequency digital baseband signal, and modest filtering techniques are used to reject unwanted sidebands and any carrier that is present..

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